

CURRICULUM VITAE



Name **DR. SAEED AHMAD**
 Father's Name MUHAMMAD FAZIL
 Date & Place of Birth 05. 01.1965 (Dera Ismail Khan)
 Nationality Pakistani
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 Permanent Address Village Mussa Khar, P.O.Mandhran Kalan, Tehsil & District Dera Ismail Khan. Ph: 0966-750030
 Work Place/ Organization Department of Chemistry, Gomal University, Dera Ismail Khan, NWFP, Pakistan.
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ACADEMIC RECORD:

- 1 Ph.D. 2000 Organic Chemistry, H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan.
- 2 Master of Science 1992 (Degree by course work and research in Chemistry) Gomal University, Dera Ismail Khan, NWFP, Pakistan.
- 3 Master of Business Administration 1990 (First & 2nd Semester) The International University, Pakistan Centre 40-J/A, Block-6 PECHS, Karachi. The International University 1301 South Noland Road, Independence, Missouri 64055, U.S.A.
- 4 Bachelor of Science 1989 (Degree by course work and Practical in Chemistry, Geography & Statistics) Gomal University, Dera Ismail Khan, NWFP, Pakistan.

Ph.D. thesis: Phytochemical Investigations on *Duranta repens* Linn and *Physalis Peruviana* Linn.

PROFFESIONAL TRAININGS AT H.E.J. RESEARCH INSTITUTE, KARACHI:

- High Performance Liquid Chromatography (H.P.L.C.)
- Gas Chromatography-Mass Spectrometry (G.C-M.S.)
- Electron Impact Spectrometry (E.I.)
- Infrared Spectroscopy (I.R.)
- Ultraviolet-Visible Spectroscopy (U.V- Vis.)
- Nuclear Magnetic Resonance Spectroscopy (N.M.R., 1D. and 2 D)
- Circular Dichroism (C.D.) and (O.R.D.)
- Atomic absorption Spectrophotometer.
- Flame Photometry (F.P.)
- Elemental Analyzer (CHN)
- Column Chromatography (C.C.)
- Flash Chromatography (F.P.)
- Circular Plate Chromatography (C.P.C.)
- Vacuum Liquid Chromatography (V.L.C.)
- Liquid –Liquid Chromatography (L.L.C.)
- Thin and Thick Layer Chromatography (T.L.C.)
- Ion Exchange Chromatography (I.E.C.)
- Optical Rotation (O.R.)

COMPUTER LITERACY:

Various software applications like MS Word, Power-Point, Chem-Window, Chem-Sketch, ACD-LABS, E-Mail and Internet.

WORK AND RESEARCH EXPERIENCE:

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|-----------------------|--|
| Apr. 1993- Mar. 1995 | Junior Research Fellow,
H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan. |
| Mar. 1995- Oct. 1998 | Senior Research Fellow,
H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan. |
| Oct. 1998- Oct 1999 | Senior Analyst,
QA Department, Cyanamid (Pakistan) Private Ltd., an ISO 9000 Certified Multinational Pharmaceutical Company. |
| Jan. 1999- Apr. 2000 | Post Doctoral Research Associate,
H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan. |
| Jul. 2000 – Aug. 2006 | Senior Scientific Officer, (BPS-18),
Applied Chemistry Research Centre, PCSIR Laboratories Complex, Lahore-54600, Pakistan. |
| Aug. 2006 – Aug. 2007 | Associate Professor, (BPS-20), Chairman,
Department of Chemistry, University of Science & Technology, Bannu, NWFP, Pakistan |

- Sept. 1, 2007- May 4, 2009 **Associate Professor (TTS), Chairman,**
Department of Chemistry, University of Science & Technology, Bannu,
NWFP, Pakistan.
- May 5, 2009-Present **Associate Professor, (BPS-20)**
Department of Chemistry, Gomal University Dera Ismail Khan, NWFP,
Pakistan

RESEARCH PROJECTS AND GRANTS:

- 1993-94 Isolation and Structural Studies on the Chemical Constituents of Medicinal Plant, *Amberboa remosa*.
- 1994-95 Synthesis and CD Interpretation of Conformationally Restricted Transition Metal Complexes of Carbohydrates.
- 1995-98 Isolation and Structural Studies on Chemical Constituents of Medicinal Plants, *Duranta repens* Linn. and *Physalis peruviana* Linn.
- Oct. 1998- Oct 1999 Development of analytical methods, analytical methods validation protocols on HPLC. Thorough knowledge of GLP/GMP and quality control functions in addition to practical experience of ISO 9000.
- 1999- Apr. 2000 Phytochemical Studies on Medicinally Important Flora of Pakistan, guiding research of Ph.D. students in Prof. Abdul Malik Research Group to solve 1D-and 2D-NMR spectra of natural products for structure elucidation.
- July 2000 – Aug. 2006.
1. Synthesis of 4-hydroxy-2-methyl-N-2-pyridinyl-2H-1, 2-benzothiazine-3-carboxamide 1, 1-dioxide (Piroxicam). New derivatives of 1, 2-Benzothiazine are being synthesized to develop new medicinal agents.
 2. Work on Pyridine analogues of Benzothiazine has also been undertaken, in which, in analogy to benzothiazine interesting pharmacological action could be expected. This idea is in analogy with the development of Oxolinic acid (in 1968) and Piromidic acid followed by the development of Nalidexic acid (in 1962).
 3. Development of a new synthetic resin from Benzosulfimide and Epichlorohydrin.
- Aug. 2006 – Present
1. Synthesis of Textile Dyes Fixing Agents and their application studies.
 2. Synthesis of Quaternary Amines and Ionic Liquids.
 3. Phytochemical Studies on seeds of *Melilotus Parviflora*.

INTERNATIONAL GRANT:

After **international competition**, grant of **US \$ 6000.00** has been approved by **Third World Academy of Sciences (TWAS)** for my project entitled “Phytochemical Studies of *Daphne oleoides* and *Daphne retusa*” under Research Grants in Basic Sciences.

NATIONAL GRANT:

On the basis of **Impact Factor**, grant of **Rs. 1.0 million** has also been approved by **Pakistan Science Foundation (PSF)** under “Research Support Programme for Active Scientists and Technologists of Pakistan”. Only 39 Scientists were able to secure this grant in a nationwide competition.

GUIDANCE IMPARTED:

1999-April 2000 As Post Doctoral Research Associate at H.E.J. guided the research work of M.Phil/ Ph.D. (Chemistry) students.

1. Mr. Nisarullah
2. Mr. Pir Muhammad Khan
3. Mr. Hafiz Rubnawaz
4. Mr. Ghulam Mustafa Qureshi
5. Miss Erum Anis
6. Miss Itrat Anis

July 2000-Dec. 2000 Co-supervised the research work of M.Sc. (Chemistry) student.

1. Mr. Imran Hassan (M.Sc.), Department of Chemistry, University of Engineering & Technology, Lahore.

April 2001-Dec. 2001 Co-supervised the research work of M.Sc /M.Phil (Chemistry) students.

1. Mr. Aqeel Ahmad (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
2. Mr. Abdul Mannan (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
3. Mr. Haqnawaz Bhatti (M.Phil), Institute of Chemistry, University of the Punjab, Lahore.
4. Mr. Muhammad Tahir Haleem (M.Phil), Institute of Chemistry, University of the Punjab, Lahore.

March 2002-Dec. 2002 Co-supervised the research work of M.Sc (Chemistry) students.

1. Mr. Muhammad Sajid (M.Sc.), Govt Science College, Wahdat Road, Lahore.
2. Mr. Tariq Mahmood (M.Sc.) Govt. Science College, Wahdat Road, Lahore.
3. Miss Rukhsana Nazir (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.
4. Mr. Abdul Jabbar (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.

Feb 2003-Nov. 2003 Co-supervised the research work of M.Sc. (Chemistry), B.Sc. (Chemical Engineering) students.

1. Mr. Hafiz Muhammad Rizwan (M.Sc.), Govt. Science College, Wahdat Road, Lahore.

2. Mr. Hafiz Shahid Ali (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
3. Mr. Naeem Ahmad (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
4. Mr. Sarfraz Ahmad (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
5. Mr. Abdul Rehman (B.Sc.) Institute of Chemical Engineering, Punjab University, Lahore.
6. Mr. Muhammad Ayaz Khan (B.Sc.), Institute of Chemical Engineering, Punjab University, Lahore.
7. Mr. Muhammad Tariq Aziz (B.Sc.), Institute of Chemical Engineering, Punjab University, Lahore.
8. Mr. Shahid Mahmood (B.Sc.) Institute of Chemical Engineering, Punjab University, Lahore.

Dec. 2003-July 2004 Co-supervised the research work of M.Sc. (Chemistry) students.

1. Sajjad Ahmad (M.Sc.), Department of Chemistry, Government College University, Lahore.
2. Muhammad Idrees (M.Sc.), Department of Chemistry, Government College University, Lahore.
3. Muhammad Munawar (M.Sc.), Department of Chemistry, Government College University, Lahore.
4. Shumaila Jamil Khan, (M.Sc.), Department of Chemistry, Government College University, Lahore.

Nov. 2004-July 2005 Co-supervised the research work of M.Sc. (Chemistry) students.

1. Miss Sumaira Jabeen (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.
2. Ammar Yasir (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.

Ph.D STUDENTS PRODUCED:

1. Muhammad Zia-ur-Rehman (Ph.D), Institute of Chemistry, University of the Punjab, Lahore. **(2008)**
Thesis Title: Synthesis and Biological Evaluation of New Derivatives of Benzothiazine-1, 1-Dioxide.
2. Waseeq Ahmad Siddiqui (Ph.D), Department of Chemistry, Govt. College University, Lahore. **(2007)**
Thesis Title: Synthesis of Piroxicam-related Heterocyclic Molecules and Evaluation of their Biological Activity.
3. Miss Saima Sharif (Ph.D), University of Education, Lahore. **(2008)**
Thesis Title: Synthesis of Cationic Fixing Agents for Textile Dyes.

Ph.D STUDENTS UNDER CO-SUPERVISION:

1. Muhammad Naeem Khan (Ph.D), Department of Chemistry, Islamia University, Bahawalpur.
2. Muhammad Shafiq (Ph.D), Department of Chemistry, Government College University, Lahore
3. Matloob Ahmad (Ph.D), Institute of Chemistry, University of the Punjab, Lahore.
4. Waqar Nasir (Ph.D), Institute of Chemistry, University of the Punjab, Lahore.
5. Azhar Saeed (Ph.D), Institute of Chemistry, University of the Punjab, Lahore.
6. Muhammad Salim (Ph.D), Institute of Chemistry, University of the Punjab, Lahore.
7. Muhammad Sohail (Ph.D), Institute of Chemistry, University of the Punjab, Lahore.
8. Syed Umar Farooq Rizvi (Ph.D), Institute of Chemistry, University of the Punjab, Lahore.

HEC-APPROVED PhD SUPERVISOR:

I have been selected for this academic honour by **Higher Education Commission (HEC)**, Pakistan.

EXTERNAL EXAMINER:

Performed *viva vocea* examination of PhD, M.Phil and M.Sc. students of:

- Institute of Chemistry, Punjab University (**PU**), Lahore.
- Department of Chemistry, Government College University (**GCU**), Lahore.
- Department of Chemistry, University of Engineering and Technology (**UET**), Lahore.
- Institute of Chemical Sciences, University of Peshawar.
- Department of Chemistry, Gomal University Dera Ismail Khan.
- Department of Chemistry, COMSATS, Abbott Abad Campus.

PAPER REVIEWER:

1. Journal of the Chemical Society of Pakistan.
2. Pakistan Journal of Scientific and Industrial Research.

AWARDS/HONOURS:

1. **Best University Teacher Award** by Higher Education Commission of Pakistan for the year 2007-08.
2. **Research and Productivity Allowance** worth Rs. 60000/-for fiscal year 2007-2008 has been awarded by Ministry of Science and Technology in recognition of quality of my research work..
3. **Research and Productivity Allowance** worth Rs. 60000/- for fiscal year 2005-2006 has been awarded by Ministry of Science and Technology in recognition of quality of my research work.

4. **Research and Productivity Allowance** worth Rs. 60000/- for fiscal year 2003-2004 has been awarded by Ministry of Science and Technology in recognition of quality of my research work.
5. I was also nominated by Ministry of Science and Technology for **civil award** for the year 2003.
6. I have **highest points (279) among** the youngest scientists of PCSIR. Overall I hold **4th position among all the in-service scientists of PCSIR**. “Productive Scientists of Pakistan” published by Pakistan Council for Science and Technology in year 2004, P-457-461.
7. I have been ranked in **57th position in Discipline-Wise List of Productive Scientists**, “Productive Scientists of Pakistan” published by Pakistan Council for Science and Technology in year 2004, P-398.
8. I am in **144th position in List of Productive Scientists by Cumulative Points**, “Productive Scientists of Pakistan” published by Pakistan Council for Science and Technology in year 2004, P-290.
9. I have been nominated by PCST for Pakistan Academy of Sciences Gold Medal in the discipline of Chemistry for the year 2004.

PARTICIPATION IN CONFERENCES/ SEMINARS:

Sr.No.	EVENT	Date
1	19 th IUPAC Symposium on Chemistry of Natural Products, HEJ Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.	Jan 16-20, 1994
2	7 th International Symposium on Natural Products Chemistry, HEJ Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.	Dec 28-1997-Jan 1, 1998
3	Career Oriented Seminar on Good Manufacturing Practices, Quality Assurance and Manufacturing Technology, Faculty of Pharmacy, University of Karachi, Karachi, Pakistan	May 8-17, 1998
4	8 th International Symposium on Natural Products Chemistry, HEJ Research Institute of Chemistry, University of Karachi, Karachi, Pakistan.	Jan 18-22, 2000
5	Seminar on “Status of Food Laws in Pakistan in The Year 2000” in PCSIR Labs Complex, Lahore, Pakistan Society of Food Scientists and Technologists.	Sept 30, 2000
6	Seminar on Impact of ISO Systems on Industrial Productivity, in PCSIR Labs Complex, Lahore.	April 14, 2001
7	Presentation on “Tools in Basic Chromatography” in Operational/ Troubleshooting Course on HPLC” in PCSIR Labs Complex, Lahore.	April 9-13, 2002
8	A lecture on “Hyperglycaemic, Anti-rheumatic and Anti inflammatory Drugs” was delivered in “First National Symposium on Frontiers of Chemistry” in the Department of Chemistry, Govt College University, Lahore.	Oct 31, 2002
9	One day “Seminar on chromatography”, Organized by Agilent Technology at Pearl Continental Hotel, Lahore.	Oct.15, 2003
10	Group Visits to Very Good Pharmaceutical Plants at Lahore & Scientific Presentations. Organized by Ministry of Health, Government of Pakistan.	April 28-29, 2004
11	Fourth International and 14 th National Chemistry Conference, Organized by	May 16-18, 2004

	Chemical Society of Pakistan at PCSIR Labs. Complex, Lahore.	
12	Fifth International and 15 th National Chemistry Conference, Organized by Chemical Society of Pakistan at Department of Chemistry, Quaid-e-Azam University, Islamabad-45320.	Nov. 24-27, 2004
13	Lecture entitled "Medicinal Plants-----Importance in Health and Economy" under the auspices of the Royal Society of Chemistry, UK [Pakistan Section] at Forman Christian College, Lahore	Dec.1 st , 2004
14	Lecture entitled "Botanicals- A New Business Opportunity for Pakistan" delivered by Prof. Dr Iqbal Chaudhary of HEJ Research Institute at Regional Centre Higher Education Commission 55-B/2, Gulberg-III, Lahore-54660.	Dec.1 st , 2004
15	A presentation on LC/LCMS by Mr. Ornard-A-Ong of Agilent Technology, at PCSIR Labs. Complex, Lahore	Dec. 6, 2004
16	Seminar on "Soy Food Manufacturing & Applications: Its Nutritional & Health Benefits" organized by ASA with collaboration of PCSIR & sponsored by USDA at PCSIR Labs. Complex, Lahore	Dec. 15, 2004
17	A research paper entitled "Various Approaches to the Synthesis of 2-Methyl-4(2H)-one-1,2-benzothiazine and its Derivatives" was presented in 2 nd National Symposium on Frontiers of Chemistry held at Department of Chemistry, Govt College University, Lahore.	March 5, 2005
18	Seventh International and 17 th National Chemistry Conference, under the auspices of Chemical Society of Pakistan at Department of Chemistry, Gomal University, Dera Ismail Khan, NWFP, Pakistan.	Feb.26-28, 2007

REFEREES/REFERENCES:

Prof. Dr. Abdul Malik T.I.

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H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270.
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E-mail: hejric@digicom.net.pk, Web page: www.hej.edu

Prof. Dr. Atta-ur-Rehman S.I., T.I., H.I.

Ex-Minister for Science & Technology, Ex-Chairman HEC,
Ex-Director HEJ Research Institute of Chemistry, University of Karachi, Karachi-75270.
Fax: (92-21) 9243190-91, Tel. Off: (92-21) 92432245- 9243211
E-mail: hejric@digicom.net.pk, Web page: www.hej.edu

Prof. Dr. Ahmad Saeed T.I.

Professor of Biochemistry, Ex-Dean Faculty of Science & Chairman,
Department of Chemistry, Gomal University, Dera Ismail Khan, NWFP.
Tel. Off: (0966) 750370 Tel. Res: (0966) 714681

**LIST OF RESEARCH PUBLICATIONS IN INTERNATIONAL JOURNALS
(UK, USA, GERMANY, SWITZERLAND, ITALY, JAPAN, KOREA and CHINA)**

Impact Factor = 51.760

1. Synthesis and Crystal Structures of *o*-[(Phenyl/*p*-methoxyphenyl)carbamoyl]benzene Sulfonamides, W. A. Siddiqui, **Saeed Ahmad**, H. L. Siddiqui, Tanvir Hussain, Masood Parvez, *J. Chemical Crystallogr.*, **2010**, 40,116-121. (Netherland) **Impact Factor = 0.574**
2. 3-Benzoyl-4-hydroxy-2H-1,2-benzothiazine1,1-dioxide, Matloob Ahmad, Hamid Latif Siddiqui, Umar Farooq Rizvi, Saeed Ahmad, Masood Parvez, *Acta Cryst.*, **2010**, E66, o862. (UK) **Impact Factor = 0.561**
3. 3-Benzoyl-4-hydroxy-2-methyl-2H-1,2-benzothiazine 1,1-dioxide, Matloob Ahmad, Hamid Latif Siddiqui, Saeed Ahmad, Sana Aslam, Masood Parvez, *Acta Cryst.*, **2010**, E66, o968. (UK) **Impact Factor = 0.561**
4. Aftertreatment of conventional direct dyeings of cotton with a bis-reactive cationic fixing agent, Saima Sharif, **Saeed Ahmad**, Muhammad Naeem Khan and Muhammad Fauz-ul-Azeem, *Chinese Journal of Chemistry*, **2009**, 27 , 1553-1557. (China) **Impact Factor = 0.945**
- 2-(3,4-Dimethylanilino) acetohydrazide, Muhammed Salim, Zaid Mahmood, M. Nawaz Tahir, **Saeed Ahmad**, Muhammad Yaseen, *Acta Cryst.*, **2009**, E65, o2595. (UK) **Impact Factor = 0.561**
- 1 2-(2-methylanilino)-N'-(propan-2-ylidene)acetohydrazide, Muhammed Salim, Zaid Mahmood, M. Nawaz Tahir, **Saeed Ahmad**, Azhar Saeed, *Acta Cryst.*, **2009**, E65, o2918. (UK) **Impact Factor = 0.561**
- 2 4-[(2,5-Dimethylanilino)acetyl]-3,4-dihydroquinoxalin-2(1H)-one, Waqar Nasir, Munawar Ali Munawar, **Saeed Ahmad**, Sohail Nadeema, Muhammad Shahid, *Acta Cryst.*, **2009**, E65, o3006. (UK) **Impact Factor = 0.561**
- 3 3,3-Dichloro-1-ethyl-1H-2,1-benzothiazin-4(3H)-one 2,2-dioxide, Muhammad Shafiq, M. Nawaz Tahir, Islam UllahKhan, **Saeed Ahmad**, Muhammad Nadeem Arshad, *Acta Cryst.*, **2009**, E65, o430. (UK) **Impact Factor = 0.561**
- 4 Effect of Cationic Fixing Agents on the Direct Dyeing Properties of Cotton Fabrics, Saima Sharif, **Saeed Ahmad**, Waseeq Ahmad Siddiqui, *Color. Technol.*, **2008**, 124, 180-185. (UK) **Impact Factor = 0.79**
- 5 Novel Chalcones derived from 2-chloro-3-formyl-6-methylquinoline, Umer Farooq Rizvi, H. L. Siddiqui, **S. Ahmad**, M. Ahmad, M. Parvez, *Acta Cryst.*, **2008**, C64, 547-549. (UK) **Impact Factor = 0.719**

- 6 Potassium 2-iodobenzenesulfonate monohydrate, Muhammad Nadeem Arshad, I.U. Khan, **Saeed Ahmad**, Muhammad Shafiq, Helen Stoeckli-Evans, *Acta Cryst.*, **2008**, E64, m994. (UK) **Impact Factor = 0.508**
- 7 Methyl 2-acetonyl-4-hydroxy-2*H*-1,2-benzothiazine-3-carboxylate 1, 1-dioxide, Matloob Ahmad, H. L. Siddiqui, Muhammad Zia-ur-Rehman, Graham John Tizzard, **Saeed Ahmad**, *Acta Cryst.*, **2008**, E64, 1392. (UK) **Impact Factor = 0.508**
- 8 3,3-Dibromo-1-ethyl-1*H*-2,1-benzothiazin-4(3*H*)-one 2,2-dioxide, Muhammad Shafiq, M. Nawaz Tahir, I. U. Khan, **Saeed Ahmad**, Waseeq Ahmad Siddiqui, *Acta Cryst.*, **2008**, E64, 1270. (UK) **Impact Factor = 0.508**
- 9 *N*-Butyl-4-hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxamide 1, 1-dioxide, Matloob Ahmad, H. L. Siddiqui, **Saeed Ahmad**, S. U. Farooq, M. Parvez, *Acta Cryst.*, **2008**, E64, 1213-1214. (UK) **Impact Factor = 0.508**
- 10 2-[*N*-(2,3-Dimethylphenyl)Carbamoyl]benzenesulfonamide and the 3,4- and 2,6-dimethylphenyl analogues, W. A. Siddiqui, **Saeed Ahmad**, H. L. Siddiqui and M. Parvez, *Acta Cryst.*, **2008**, C64, 367-371. (UK) **Impact Factor = 0.719**
- 11 α -Chymotripsin inhibition studies of the Lignans from *Vitex negundo* Linn., M.A. Lodhi, Azhar-ul-Haq, M.I. Choudhary, Abdul Malik, **Saeed Ahmad**, *J Enzyme Inhibition & Medicinal Chem.*, **2008** 23 (3), 400-405.(UK) **Impact Factor = 2.021**
- 12 Synthesis and Spectroscopic Characterization of 2,3-Epoxy/3-chloro-2-hydroxypropyl Derivatives of Quaternary Ammonium Salts: Useful Cationic Fixing Agents, Saima Sharif, **Saeed Ahmad**, Mian Muhammad Izhar-ul-haq, *Chinese Journal of Chemistry*, **2008**, 26 (3), 553-559. (China) **Impact Factor = 0.719**
- 13 2-[*N*-(*X*-Chlorophenyl)carbamoyl]benzenesulfonamide (with *X* = 2 and 4) W. A. Siddiqui, **Saeed Ahmad**, I. U. Khan, H. L. Siddiqui and M. Parvez, *Acta Cryst.*, **2008**, C64, 286-289. (UK) **Impact Factor = 0.719**
- 14 2-Methyl-1,2-benzisothiazol-3(2*H*)-one 1,1-dioxide, Waseeq A. Siddiqui, **Saeed Ahmad**, Hamid Latif Siddiqui, Masood Parvez, *Acta Cryst.*, **2008**, E64, o724. (UK) **Impact Factor = 0.508**
- 15 Methyl 3-oxo-2,3-dihydro-1,2-benzothiazole-2-acetate 1,1-dioxide Waseeq Ahmad Siddiqui, **Saeed Ahmad**, Hamid Latif Siddiqui, Masood Parvez and Rehana Rashid, *Acta Cryst.*, **2008**, E64, 859. (UK) **Impact Factor = 0.508**
- 16 *N*-(*X*-Chlorophenyl)-4-hydroxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxamide 1,1-dioxide (with *X* = 2 and 4) Waseeq Ahmad Siddiqui, **Saeed Ahmad**, Muhammad Ilyas Tariq, Hamid Latif Siddiqui and Masood Parvez, *Acta Cryst.*, **2008**, C64, 04-06. (UK) **Impact Factor = 0.719**
- 17 Methyl-4-acetoxy-2-methyl-2*H*-1,2-benzothiazine-3-carboxylate 1,1-dioxide, Matloob Ahmad, Hamid Latif Siddiqui, **Saeed Ahmad**, Muhammad IrfanAshiq, Graham John Tizzard, *Acta Cryst.*, **2008**, E64, 0594. (UK) **Impact Factor = 0.508**

- 18 Facile One-Pot Synthesis of 4-Hydroxy-2-methyl-(2H)-1,2-benzothiazine-3-sulfonic Acid 1,1-Dioxide, Waseeq A. Siddiqui, **Saeed Ahmad**, Islam Ullaha Khan, Hamid Latif Siddiqui, George W. Weaver, *Synth. Comm.*, **2007**, 37 (5), 767 – 773. (UK) **Impact Factor = 0.977**
- 19 2-Methyl-2H-1,2-benzothiazin-4(3H)-one 1,1-dioxide, Waseeq A. Siddiqui, **Saeed Ahmad**, H. L. Siddiqui, Muhammad Ilyas Tariq, M. Parvez, *Acta Cryst.*, **2007**, E63, o4585. (UK) **Impact Factor = 0.508**
- 20 Role of Quaternary Ammonium Salts in Improving the Fastness Properties of Anionic Dyes on Cellulose Fibers, Saima Sharif, **Saeed Ahmad**, Mian Muhammad Izhar-ul-haq, *Color. Technol.*, **2007**, 123, 8-17. (UK) **Impact Factor = 0.79**
- 21 3-Benzylamino-1,2-benzisothiazole 1,1-dioxide, Waseeq A. Siddiqui, **Saeed Ahmad**, Hamid Latif Siddiqui, Muhammad Ilyas Tariq, Masood Parvez, *Acta Cryst.*, **2007**, E63, o4001. (UK) **Impact Factor = 0.508**
- 22 *o*-Sulfamoylbenzoic acid, Waseeq A. Siddiqui, **Saeed Ahmad**, Hamid Latif Siddiqui, Muhammad Ilyas Tariq, Masood Parvez, *Acta Cryst.*, **2007**, E63, o4117. (UK) **Impact Factor = 0.508**
- 23 2-Chloromethyl-1,2-benzisothiazole-1,1,3(2H)-trione, Waseeq A. Siddiqui, **Saeed Ahmad**, I. U. Khan, H. L. Siddiqui, M. Parvez, *Acta Cryst.*, **2007**, E63, o4116. (UK) **Impact Factor = 0.508**
- 24 A Facile One-Pot Synthesis of 4-Hydroxy-2-methyl-3-nitro-2-methyl-(2H)-1,2-benzothiazine 1,1-dioxide, Waseeq A. Siddique, **Saeed Ahmad**, Islam Ullaha Khan, Hamid Latif Siddiqui, V. U. Ahmad, *Jour. Chem. Soc. Pak.*, **2007**, 29 (1), 44-47. (Pak) **Impact Factor = 0.197**
- 25 Synthesis and Characterization of Novel 1,2-benzothiazines, Matloob Ahmad, Hamid Latif Siddiqui, **Saeed Ahmad**, G.W. Weaver, R.J.M Elsegood, 7th International and 17th National Chemistry Conference, under the auspices of Chemical Society of Pakistan at Department of Chemistry, Gomal University, D.I. Khan, Feb.26-28, **2007**, P- 140.
- 26 N-[2-(Aminocarbonyl)phenyl]-4-hydroxy-2-methyl-2H-1,2-benzothiazine-3-carboxamide 1,1-dioxide dimethyl sulfoxide solvate, Muhammad Zia-ur-Rehman, Jamil Anwar Choudary, Mark R. J. Elsegood, Hamid Latif Siddiqui, **Saeed Ahmad**, *Acta Cryst.*, **2007**, E63, 900–901. (UK) **Impact Factor = 0.508**
- 27 Synthesis and Spectroscopic Studies of New Schiff Bases, Hamid Latif Siddiqui, Amjid Iqbal, **Saeed Ahmad**, George W. Weaver, *Molecules*, **2006**, 11, 206-211. (UK) **Impact Factor = 1.113**
- 28 Comparative Study of Synthetic Methods for the Synthesis of 1,2-Benzothiazine Carboxamide Class of Drugs, Waseeq A. Siddique, **Saeed Ahmad**, Islam Ullah, Abdul Malik, *Jour. Chem. Soc. Pak.*, **2006**, 28 (6), 583-589. (Pakistan) **Impact Factor = 0.197**
- 29 Synthesis of Potential Biologically Active 1,2-Benzothiazin-3-yl-quinazolin-4(3H)-ones, Muhammad Zia-Ur-Rehman, Jamil Anwar Choudary, **Saeed Ahmad**, Hamid Latif Siddiqui, *Chem. Pharm. Bull.* **2006**, 54 (8) 1175—1178. (Japan) **Impact Factor = 1.22**

30 An Efficient Synthesis of 2-

- 42 The First Report of a Withanolide from the Family *Labiatae*, Pir Muhammad Khan, **Saeed Ahmad**, Hafiz Rubnawaz, Abdul Malik, *Phytochemistry*, **1999**, 51, 669-671. (UK) **Impact Factor = 1.106**
- 43 New Monoterpene Glycosides from *Paeonia emodi*, Pir Muhammad Khan, **Saeed Ahmad**, Hafiz Rab Nawaz, Nisar Ullah, Abdul Malik, *Z. Naturforsch*, **1999** 54b, 544-548. (F.R. Germany) **Impact Factor = 0.744**
- 44 New Acetylated Quinolins from *Ajuja parviflora*, Pir Muhammad, **Saeed Ahmad**, Hafiz Rubnawaz, Nisar Ullah, Abdul Malik, *Fitoterapia*, **1999**, 70, 229-232. (Italy) **Impact Factor = 1.042**
- 45 Withanolides from *Ajuja parviflora*, Pir Muhammad Khan, Abdul Malik, **Saeed Ahmad**, Hafiz Rub Nawaz,, *J. Nat .Prod.*, **1999**, 62, 1290-1292. (USA) **Impact Factor = 1.652**
- 46 Ajugin C and D, New Withanolides from *Ajuja parviflora*, Pir Muhammad Khan, Hafiz Rub Nawaz,, **Saeed Ahmad**, Abdul Malik, *Helv. Chim. Acta.***1999**, 82, 1423-1426. (Switzerland) **Impact Factor = 2.483**
- 47 A Lignan from *Daphne oleoides*, Nisar Ullah, **Saeed Ahmad**, Erum Anis, Pir Muhammad, Hafiz Rubnawaz, Abdul Malik, *Phytochemistry*, **1999**, 50, 147-149. (UK) **Impact Factor = 1.106**
- 48 A Pentacyclic Triterpene from *Daphne oleoides*, Nisar Ullah, Zaheer Ahmad, **Saeed Ahmad**, Pir Muhammad, Abdul Malik, *Phytochemistry*, **1999**, 50, 839-841. (UK) **Impact Factor = 1.106**
- 49 Dimeric Guaianolides from *Daphne oleoides*, Nisar Ullah, **Saeed Ahmad**, Zaheer Ahmad, Pir Muhammad, Abdul Malik, *Phytochemistry*, **1999**, 51, 559-562. (UK) **Impact Factor = 1.106**
- 50 Chemical Constituents of *Daphne oleoides*, Nisar Ullah, **Saeed Ahmad**, Pir Muhammad, Hafiz Rabnawaz, Abdul Malik, *Fitoterapia*, **1999**, 70, 214-215. (Italy) **Impact Factor = 1.042**
- 51 Phenylpropanoid Glycosides from *Daphne oleoides*, Nisar Ullah, **Saeed Ahmad**, Abdul Malik, *Chem. Pharm. Bull.*, **1999**, 47, 114-115. (Japan) **Impact Factor = 1.162**
- 52 Ajugin E and F: Two Withanolides from *Ajuja parviflora*, Hafiz Rub Nawaz, Abdul Malik, Pir Muhammad Khan, **Saeed Ahmad**, *Phytochemistry*, **1999**, 52, 1357-1360. (UK) **Impact Factor = 1.106**
- 53 Coumarinolignoid Glycoside from *Daphne oleoides*, Nisar Ullah, **Saeed Ahmad**, Pir Muhammad, Zaheer Ahmad, Hafiz Rab Nawaz, Abdul Malik, *Phytochemistry*, **1999**, 51, 103-105. (UK) **Impact Factor = 1.106**
- 54 A Dicoumarin Glycoside from *Daphne oleoides*, Nisar Ullah, **Saeed Ahmed**, Abdul Malik , *Phytochemistry*, **1999**, 51, 99-101. (U.K) **Impact Factor = 1.106**
- 55 Sterols and Sterol Glycosides from *Cuscuta reflexa*, Erum Anis, Ghulam Mustafa, **Saeed Ahmad**, Nisarrullah, A. Malik, N. Afza, Y. Badar, *Natural Product Sciences*, **1999**, 5 (3), 124-126. (Korea).
- 56 A New Withanolide from *Physalis peruviana*, **Saeed Ahmad**, Abdul Malik, Pir Muhammad Khan, Waseem Gul, Rehana Yasmin, Nighat Afza, *Fitotrapia*, **1998**, LXIX, 433-436. (Italy) **Impact Factor = 1.042**

- 57 A New Steroid from *Duranta repens*, **Saeed Ahmad**, Tanveer Ahmad Nizami, Hafiz Rub Nawaz, Abdul Malik, Nighat Afza, *Fitoterapia*, **1998**, LXIX, 448-450. (Italy) **Impact Factor = 1.042**
- 58 A New Steroid from *Duranta repens*, **Saeed Ahmad**, Tanveer Ahmad Nizami, Hafiz Rub Nawaz, Abdul Malik, Nighat Afza, *7th International Symposium on Natural Product Chemistry*, Dec. 28, 1997-Jan. 1, **1998**, Karachi, Pakistan, P. 131.
- 59 Two New Spirostane Esters from *Plumeria rubra*, T. A. Nizami, **Saeed Ahmad**, P. Muhammad Khan, N. Afza, A. Malik, *7th International Symposium on Natural Product Chemistry*, Dec. 28, 1997-Jan. 1, **1998**, Karachi, Pakistan. P. 48.
- 60 Microwave Promoted Synthesis of Novel 2-Aminothiazole Derivatives, Muhammad Shafiq, **Saeed Ahmad**, Islam Ullah Khan, Waseeq A. Siddique, *Bull. Korean Chem. Soc.*, Submitted. (Korea).
- 61 Effects of cationic fixing agents on the reactive dyeing properties of cotton fabrics, Saima Sharif, **Saeed Ahmad**, Muhammad Naeem Khan and Muhammad Fauz-ul-Azeem (Submitted)

Titles of M.Sc. / M.Phil. Theses Completed under My Supervision:

- 1 Determination of Polar and Non-polar Lipids in Different Oil Samples, submitted by Mr. Imran Hassan (M.Sc.), Department of Chemistry, University of Engineering & Technology, Lahore.
- 2 Preparation of Methyl substituted Benzothiazines, submitted by Mr. Aqeel Ahmad (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
- 3 Preparation of Ethyl substituted Benzothiazines, submitted by Mr. Abdul Mannan (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
- 4 Phytochemistry of *Fagonia cretica* Linn., submitted by Mr. Haqnawaz Bhatti (M.Phil), Institute of Chemistry, University of the Punjab, Lahore.
- 5 Phytochemical Studies of *Withania somnifera* roots, submitted by Mr. Muhammad Tahir Haleem (M.Phil), Institute of Chemistry, University of the Punjab, Lahore.
- 6 Synthesis of Aza Derivatives of Benzosulfimide, submitted by Mr. Muhammad Sajid (M.Sc.), Govt Science College, Wahdat Road, Lahore.
- 7 Synthesis of N-Derivatives of Benzosulfimide, submitted by Mr. Tariq Mahmood (M.Sc.) Govt. Science College, Wahdat Road, Lahore.

- 8 Reactions of Urea with Pathaldehyde, submitted by Miss Rukhsana Nazir (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.
- 9 Synthesis of 1-Naphthalene Acetic Acid, submitted by Mr. Abdul Jabbar (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.
- 10 Synthesis of Isoniazid and Derivatives, submitted by Mr. Hafiz Muhammad Rizwan (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
- 11 Synthesis of 3-cyano-4-hydroxy-2H- 1,2-benzothiazine-1,1-dioxide, submitted by Mr. Hafiz Shahid Ali (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
- 12 Synthesis of Propranolol and its Drivatives, submitted by Mr. Naeem Ahmad (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
- 13 Synthesis of Pyrazinamide and its Derivatives, submitted by Mr. Sarfraz Ahmad (M.Sc.), Govt. Science College, Wahdat Road, Lahore.
- 14 Synthesis and Characterization of Novel Benzothiazine's Derivatives, submitted by Sajjad Ahmad (M.Sc.), Department of Chemistry, Government College University, Lahore.
- 15 Synthesis and Characterization of Novel Schiff Bases, submitted by Muhammad Idrees (M.Sc.), Department of Chemistry, Government College University, Lahore.
- 16 Synthesis of a novel Antihypertensive agent, submitted by Muhammad Munawar (M.Sc.), Department of Chemistry, Government College University, Lahore.
- 17 Synthesis and Characterization of Novel Schiff Base Ligands, submitted by Shumaila Jamil Khan (M.Sc.), Department of Chemistry, Government College University, Lahore.
- 18 Synthesis of various Pyrazyrones, submitted by Miss Sumaira Jabeen (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.
- 19 Synthesis of Lidocaine, submitted by Ammar Yasir (M.Sc.), Institute of Chemistry, University of the Punjab, Lahore.

Titles of Ph.D Theses under My Co-Supervision: (PhD under progress)

1. Synthesis of Pyridine-containing Heterocyclic Compounds.
2. Synthesis and Biological Evaluation of Benzothiazine-related Heterocyclic Molecules.
3. Synthesis and Biological Studies of Benzothiazine-Based Heterocyclic Compounds.
4. Synthesis of Novel Derivatives of Pyridopyrazine and Quinoxaline Nuclei and their Biological Screening.
5. Synthesis of Pyrido- and Benzo-[1,4]-thiazine Derivatives and their Biological Evaluation.

6. Synthesis, Identification and Biological Studies of Pyridine Containing Compounds and their Quaternary Ammonium Salts.
7. Synthesis of Ionic Liquids and their Applications in the Organic Synthesis.
8. Synthesis and Biological Studies of Pyridine containing Chalcones and their Derivatives.